



{In Archive} Re: Fw: 090111: WA 0-28, Task 2 - 316 Technical Permit Support for Huntley Steam Station , NY 📎

Jamie Piziali to: Chuck Nieder
Cc: Karen OBrien, "Mike Calaban"

11/01/2011 02:16 PM

History: This message has been forwarded .
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Thanks Chuck. I have sent this on to Tetra Tech for their response.

Are there other technical support needs you all anticipate before December 31? Or after January 1 through May 6? On Huntley or another facility?

Thanks,

Jamie Piziali
(formerly Jamie Hurley)
US EPA - Water Permits Division
Phone: 202-564-1709
Fax: 202-564-6431

"Chuck Nieder"

[Jamie - the review provided to us by Tetra Tech...](#)

11/01/2011 01:33:32 PM

From: "Chuck Nieder" <wcnieder@gw.dec.state.ny.us>
To: Jamie Piziali/DC/USEPA/US@EPA
Cc: Karen OBrien/R2/USEPA/US@EPA, "Mike Calaban" <mjcalaba@gw.dec.state.ny.us>
Date: 11/01/2011 01:33 PM
Subject: Re: Fw: 090111: WA 0-28, Task 2 - 316 Technical Permit Support for Huntley Steam Station , NY

Jamie - the review provided to us by Tetra Tech is fairly straight forward and we see no need to hold a conference call. However, we have 3 points we would like clarified:

1. It appears that the difference between NRG's claim of a 91.2% reduction in cooling water use and Tetra Tech's analysis showing an 84.5% reduction is due to NRG not including the 20,000 gpm of service water used. Does this volume account for NRG's statement of recirculating and cooling approximately 93% of the water passing through the two condensers?
2. Under Conclusions (No.2), please explain the advantage of isolating the service water screens and pumps at the intake so that the pumps continue to withdraw from the river.
3. Again Under Conclusions, No 7. asks whether operating in the once through mode should remain an option if closed cycle cooling is selected as BTA. Does the term "once through mode" in this question refer to the open configuration of the proposed intake and discharge basins, and that by not being closed off, mixing of cooling tower return water and river water can occur?

It does not matter to us how these points get clarified - a written response would be adequate. If Tetra Tech would prefer to discuss this via a conference call, that is fine with us but not necessary. If further clarifications are needed, Tetra Tech can email or call Mike Calaban (518-402-8857).

Thanks again for all your assistance.

Chuck

Chuck Nieder
Steam Electric Unit Leader
NYSDEC
Bureau of Habitat, 5th Floor
625 Broadway
Albany NY 12233-4756
518-402-9216 (phone)
518-402-8925 (fax)
wcnieder@gw.dec.state.ny.us

>>> <Piziali.Jamie@epamail.epa.gov> 10/28/2011 1:59 PM >>>

Chuck -

Are you all interested in having a follow-up call on these materials?

I am about to go on a temporary 6 month detail here to work in Solid Waste starting November 7, so my availability will be a little more sparse, but at this point I intend to continue to manage the contract and answer emergency Clean Water Act Section 316 questions because there is not a great back up here for me. My e-mail remains the same, but my phone may change for a while because I am switching buildings to our office in Northern VA (right outside DC).

Furthermore, Is there additional work you all will be interested in before December 31? or After January 1? My current Work Assignment will be up on December 31, and I am debating over what to write in the new one, or whether to put it on hold until I return next May.

Thanks!

Jamie Piziali
(formerly Jamie Hurley)
US EPA - Water Permits Division
Phone: 202-564-1709
Fax: 202-564-6431

----- Forwarded by Jamie Piziali/DC/USEPA/US on 10/28/2011 01:50 PM

From: "Meadows, Kelly" <Kelly.Meadows@tetrattech.com>

To: Jamie Piziali/DC/USEPA/US@EPA
Date: 10/05/2011 04:44 PM
Subject: FW: 090111: WA 0-28, Task 2 - 316 Technical Permit Support
for Huntley Steam Station, NY

-----Original Message-----

From: Meadows, Kelly
Sent: Wednesday, October 05, 2011 4:06 PM
To: 'Hurley.Jamie@epamail.epa.gov'
Cc: 'wcnieder@gw.dec.state.ny.us'; Sunda, John; Steven Geil
Subject: RE: 090111: WA 0-28, Task 2 - 316 Technical Permit Support for
Huntley Steam Station, NY

Hello--

Please see attached for our assessment of the feasibility of closed-cycle cooling at Huntley. The attached memo addresses items 1 and 2 below. We have also compiled some thoughts on item 3, but have not developed them into a formal deliverable (as was discussed in the kickoff call). But we would be happy to share these with you in a follow up call, email or whatever format makes the most sense.

Please let us know if you have any questions--we're available to discuss these findings in more detail.

Thanks
Kelly

-----Original Message-----

From: Hurley.Jamie@epamail.epa.gov [mailto:Hurley.Jamie@epamail.epa.gov]

Sent: Thursday, September 01, 2011 4:38 PM
To: Meadows, Kelly
Subject: TD: 090111: WA 0-28, Task 2 - 316 Technical Permit Support for
Huntley Steam Station, NY

Kelly -

Please provide technical assistance according to Task 2 for New York's Huntley Steam Station permit.

New York is interested in a technical review of the documents and other information used by the Department to make a BTA determination the Huntley Steam Station as it relates to the feasibility of retrofitting this facility with a closed-cycle cooling system; and (2) a professional opinion as to the availability of a closed-cycle cooling retrofit for the Huntley Steam Station to meet the BTA requirements of CWS Section 316(b).

New York is particularly interested in the following issues:

1. A professional opinion as to whether or not retrofitting the Huntley Steam Station with a closed-cycle cooling system is feasible and available based on the information and claims provided to New York State by NRG along with technical documents and information used by New York State in making a BTA determination;
2. Identification and discussion of additional data and/or information that will be required to evaluate impacts associated with the installation and operation of closed-cycle cooling at this facility; and
3. A professional opinion as to the technical accuracy of the Department's provisional BTA determination taking into consideration the following factors: engineering and technical feasibility, entrainment impacts on the waterbody, quantified and qualified social benefits and social costs including ecological benefits; impacts on air resources, impacts on the reliability of energy delivery in the immediate area; remaining useful plant life; and the impacts of the BTA determination on water consumption.

Please also see the more detailed information regarding Huntley Steam Station below and please let me know if you need any additional information.

The materials for review will be provided separately from this e-mail.

(See attached file: Scope of Services Huntley May 2011_.docx)

Jamie Hurley
US EPA - Water Permits Division
Phone: 202-564-1709
Fax: 202-564-6431

[attachment "Huntley Tetra Tech technical review 100511.docx" deleted by
Jamie Piziali/DC/USEPA/US]